

## EAST Search History

| Ref # | Hits | Search Query   | DBs   | Default Operator | Plurals | Time Stamp       |
|-------|------|--|---|------------------|---------|------------------|
| L1    | 77   | smoke\$1 near5 ris\$3 near5 temperature\$1 and filter\$3   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2007/12/03 20:08 |
| L2    | 38   | l1 and test\$3   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2007/12/03 20:09 |
| L3    | 1    | l1 and correct\$1 near5 polarity\$1                        | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2007/12/03 20:09 |
| L4    | 1    | l1 and correct\$3 near5 polarity\$1                        | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2007/12/03 20:10 |
| L5    | 5    | l1 and polarity\$1   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2007/12/03 20:10 |
| L6    | 4    | l2 and polarity\$1   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2007/12/03 20:14 |
| L7    | 23   | filter\$3 near5 smoke\$1 and test\$3 near5 detector\$1     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2007/12/03 20:15 |
| L8    | 527  | smoke\$1 near5 temperature\$1 and smoke\$1 near5 filter\$3 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2007/12/03 20:15 |

## EAST Search History

|     |     |  |   |    |     |                  |
|-----|-----|--|---|----|-----|------------------|
| L9  | 205 | l8 and test\$3   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/12/03 20:16 |
| L10 | 0   | l9 and correct\$3 near5 polarity\$1  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/12/03 20:17 |
| L11 | 4   | l9 and polarity\$1   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/12/03 20:26 |
| L12 | 34  | (turn\$3off or disabl\$3 or<br>inoperative\$1) near5 filter\$3 near5<br>test\$3  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/12/03 20:30 |
| L13 | 3   | l12 and (smoke\$1 or fire\$1 or<br>flame\$1)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/12/03 20:29 |
| L14 | 1   | (turn\$3off or disabl\$3 or<br>inoperative\$1) near5 filter\$3 near5<br>(test\$3 near5 mode\$1 or start\$3<br>near5 mode\$1 or start\$3 or test\$3)<br>same (smoke\$1 or flame\$1)             | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/12/03 20:33 |
| L15 | 2   | (turn\$3off or disabl\$3 or unabl\$3 or<br>inoperative\$1) near5 filter\$3 near5<br>(test\$3 near5 mode\$1 or start\$3<br>near5 mode\$1 or start\$3 or test\$3)<br>same (smoke\$1 or flame\$1) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/12/03 20:36 |
| L16 | 52  | (turn\$3off or disabl\$3 or unabl\$3 or<br>inoperative\$1) same filter\$3 same<br>(test\$3 near5 mode\$1 or start\$3<br>near5 mode\$1 or start\$3 or test\$3)<br>same (smoke\$1 or flame\$1)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/12/03 20:42 |

## EAST Search History

|     |     |  |   |    |     |                  |
|-----|-----|--|---|----|-----|------------------|
| L17 | 225 | (turn\$3off or disabl\$3 or unabl\$3 or inoperative\$1) same filter\$3 same (smoke\$1 or flame\$1) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/12/03 20:42 |
| L18 | 123 | l17 and temperature\$1   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/12/03 20:53 |
| L19 | 5   | ((("5716725") or ("5966079") or ("3932790") or ("5751215") or ("4595914"))).PN.                    | USPAT   | OR | OFF | 2007/12/03 20:53 |